## STATE OF CALIFORNIA ENVIRONMENTAL PROTECTION AGENCY OFFICE OF ENVIRONMENTAL HEALTH HAZARD ASSESSMENT SAFE DRINKING WATER AND TOXIC ENFORCEMENT ACT OF 1986

## CHEMICALS KNOWN TO THE STATE TO CAUSE CANCER OR REPRODUCTIVE TOXICITY DECEMBER 21, 2001

The Safe Drinking Water and Toxic Enforcement Act of 1986 requires that the Governor revise and republish at least once per year the list of chemicals known to the State to cause cancer or reproductive toxicity. The identification number indicated in the following list is the Chemical Abstracts Service (CAS) Registry Number. No CAS number is given when several substances are presented as a single listing. The date refers to the initial appearance of the chemical on the list. For easy reference, chemicals which are shown underlined are newly added. Chemicals or endpoints shown in strikeout were placed on the Proposition 65 list on the date noted, and have subsequently been removed.

Chemical	Type of Toxicity	CAS No.	Date Listed
A-alpha-C (2-Amino-9H-pyrido [2,3-	cancer	26148685	January 1, 1990
b]indole)			
Acetaldehyde	cancer	75070	April 1, 1988
Acetamide	cancer	60355	January 1, 1990
Acetazolamide	developmental	59665	August 20, 1999
Acetochlor	cancer	34256821	January 1, 1989
Acetohydroxamic acid	developmental	546883	April 1, 1990
2-Acetylaminofluorene	cancer	53963	July 1, 1987
Acifluorfen	cancer	62476599	January 1, 1990
Acrylamide	cancer	79061	January 1, 1990
Acrylonitrile	cancer	107131	July 1, 1987
Actinomycin D	cancer	50760	October 1, 1989
•	developmental	50760	October 1, 1992
Adriamycin (Doxorubicin hydrochloride)	cancer	23214928	July 1, 1987
AF-2;[2-(2-furyl)-3-(5-nitro-2-furyl)]	cancer	3688537	July 1, 1987
Acrylamide			•
Aflatoxins	cancer		January 1, 1988
Alachlor	cancer	15972608	January 1, 1989
Alcoholic beverages, when associated with	cancer		July 1, 1988
alcohol abuse			•
Aldrin	cancer	309002	July 1, 1988
All-trans retinoic acid	developmental	302794	January 1, 1989
Allyl-chloride	cancer	<del>107051</del>	<del>January 1, 1990</del>
<del></del>			Delisted October
			29, 1999
Alprazolam	developmental	28981977	July 1, 1990
Altretamine	developmental, male	645056	August 20, 1999
Amantadine hydrochloride	developmental	665667	February 27, 2001
Amikacin sulfate	developmental	39831555	July 1, 1990
2-Aminoanthraquinone	cancer	117793	October 1, 1989
<i>p</i> -Aminoazobenzene	cancer	60093	January 1, 1990
o-Aminoazotoluene	cancer	97563	July 1, 1987
4-Aminobiphenyl (4-amino-diphenyl)	cancer	92671	February 27, 1987
1-Amino-2,4-dibromo-anthraquinone	cancer	81492	August 26, 1997

3-Amino-9-ethylcarbazole hydrochloride 2-Aminofluorene Aminoglutethimide Aminoglycosides 1-Amino-2-methylanthraquinone 2-Amino-5-(5-nitro-2-furyl)- 1,3,4-thiadiazole 4-Amino-2-nitrophenol Aminopterin Amiodarone hydrochloride Amitraz Amitrole Amoxapine Anabolic steroids Analgesic mixtures containing Phenacetin Angiotensin converting enzyme (ACE) inhibitors	cancer cancer developmental developmental cancer cancer cancer developmental, female developmental cancer developmental cancer developmental cancer developmental cancer developmental female, male cancer developmental	6109973 153786 125848  82280 712685 119346 54626 19774824 33089611 61825 14028445 	July 1, 1989 January 29, 1999 July 1, 1990 October 1, 1992 October 1, 1989 July 1, 1987 January 29, 1999 July 1, 1987 August 26, 1997 March 30, 1999 July 1, 1987 May 15, 1998 April 1, 1990 February 27, 1987 October 1, 1992
Aniline	cancer	62533	January 1, 1990
Aniline hydrochloride	cancer	142041	May 15, 1998
o-Anisidine	cancer	90040	July 1, 1987
o-Anisidine hydrochloride	cancer	134292	July 1, 1987
Anisindione	developmental	117373	October 1, 1992
Antimony oxide (Antimony trioxide)	cancer	1309644	October 1, 1990
Aramite	cancer	140578	July 1, 1987
Arsenic (inorganic arsenic compounds)	cancer		February 27, 1987
Arsenic (inorganic oxides)	developmental		May 1, 1997
Asbestos	cancer	1332214	February 27, 1987
Aspirin (NOTE: It is especially important not to use aspirin during the last three months of pregnancy, unless specifically directed to do so by a physician because it may cause problems in the unborn child or complications during delivery.)	developmental, female	50782	July 1, 1990
Atenolol	developmental	29122687	August 26, 1997
Auramine	cancer	492808	July 1, 1987
Auranofin	developmental	34031328	January 29, 1999
Azacitidine	cancer	320672	January 1, 1992
Azaserine	cancer	115026	July 1, 1987
Azathioprine	cancer	446866	February 27, 1987
	developmental	446866	September 1, 1996
Azobenzene	cancer	103333	January 1, 1990
Barbiturates Beclomethasone dipropionate	developmental developmental	 5534098	October 1, 1992 May 15, 1998
• •		17804352	
Benomyl Benz[a]anthracene	developmental, male cancer	56553	July 1, 1991 July 1, 1987
Benzene  Benzene	cancer	71432	February 27, 1987
Delizelle	developmental, male	71432	December 26, 1997
Benzidine [and its salts]	cancer	92875	February 27, 1987
Benzidine-based dyes	cancer	92013 	October 1, 1992
Benzodiazepines	developmental		October 1, 1992
Benzo[b]fluoranthene	cancer	205992	July 1, 1987
Benzo[j]fluoranthene	cancer	205823	July 1, 1987
Benzo[k]fluoranthene	cancer	207089	July 1, 1987
L J			<b>,</b>

Benzofuran	cancer	271896	October 1, 1990
Benzo[a]pyrene	cancer	50328	July 1, 1987
Benzotrichloride	cancer	98077	July 1, 1987
Benzphetamine hydrochloride	developmental	5411223	April 1, 1990
Benzyl chloride	cancer	100447	January 1, 1990
Benzyl violet 4B	cancer	1694093	July 1, 1987
Beryllium and beryllium compounds	cancer		October 1, 1987
Betel quid with tobacco	cancer		January 1, 1990
2,2-Bis(bromomethyl)-1,3-propanediol	cancer	3296900	May 1, 1996
Bis(2-chloroethyl)ether	cancer	111444	April 1, 1988
N,N-Bis(2-chloroethyl)-2- naphthylamine	cancer	494031	February 27, 1987
(Chlornapazine)		., .001	1 0010.017 27, 1707
Bischloroethyl nitrosourea (BCNU)	aanaar	154938	July 1 1097
	cancer	134936	July 1, 1987
(Carmustine)			
	developmental	154938	July 1, 1990
Bis(chloromethyl)ether	cancer	542881	February 27, 1987
Bis(2-chloro-1-methylethyl)ether, technical	cancer		October 29, 1999
grade			
Bitumens, extracts of steam- refined and air	cancer		January 1, 1990
refined	Cancer		January 1, 1990
			1 1000
Bracken fern	cancer		January 1, 1990
Bromacil lithium salt	developmental	53404196	May 18, 1999
Bromodichloromethane	cancer	75274	January 1, 1990
Bromoethane	cancer	74964	December 22, 2000
Bromoform	cancer	75252	April 1, 1991
Bromoxynil	developmental	1689845	October 1, 1990
Bromoxynil octanoate	developmental	1689992	May 18, 1999
•			
Butabarbital sodium	developmental	143817	October 1, 1992
1,3-Butadiene	cancer	106990	April 1, 1988
1,4-Butanediol dimethane- sulfonate	cancer	55981	February 27, 1987
(Busulfan)			
	developmental	55981	January 1, 1989
Butylated hydroxyanisole	cancer	25013165	January 1, 1990
beta-Butyrolactone	cancer	3068880	July 1, 1987
beta Batyrolaetone	cuncer	3000000	July 1, 1707
Cacodylic acid	cancer	75605	May 1, 1996
Cadmium	developmental, male		May 1, 1997
Cadmium and cadmium compounds	cancer		October 1, 1987
Caffeic acid	cancer	331395	October 1, 1994
Captafol	cancer	2425061	October 1, 1988
Captan	cancer	133062	January 1, 1990
Carbamazepine	developmental	298464	January 29, 1999
Carbazole	cancer	86748	May 1, 1996
Carbon disulfide	developmental, female, male	75150	July 1, 1989
Carbon monoxide	developmental	630080	July 1, 1989
	•		
Carbon tetrachloride	cancer	56235	October 1, 1987
Carbon-black extracts	cancer		January 1, 1990
Carboplatin	developmental	41575944	July 1, 1990

Certain combined chemotherapy for   Imphomas   Imphom	Ceramic fibers (airborne particles of respirable size)	cancer		July 1, 1990
Chenodiol Chinomethionat (Oxythioquinox)         developmental developmental and probable (1998 chlorambucil)         474259 development (1998 chlorambucil)         April 1, 1990 development (1998 chlorambucil)         April 1, 1990 development (1988 chlorambucil)         April 1, 1990 development (1988 chlorambucil)         April 1, 1990 development (1988 chlorambucil)         April 1, 1980 development (1988 chlorambucil)         April 1, 1981 development (1988 chlorambucil)         April 1, 1987 development (1988 chlorambucil)         April 1, 1988 development (1988 chlorambucil)         April 1, 1988 development (1988 chlorambucil)         April 1, 1988 chlorambucil (1988 chlorambucil)         April 1, 1988 chlorambucil (1988 chlorambucil)         April 1, 1989 chlorambucil (1989 chlorambucil)	Certain combined chemotherapy for	cancer		February 27, 1987
Chinomethionat (Oxythioquinox)         developmental cancer         2439012         November 6, 1998           Chlorambucil         cancer         305033         February 27, 1987           Chloramphenicol         cancer         \$6757         October 1, 1989           Chlordane         cancer         \$7749         July 1, 1988           Chlordacone (Kepone)         cancer         \$13500         January 1, 1988           Chlordiazepoxide         developmental         438500         January 1, 1988           Chlordiazepoxide hydrochloride         developmental         438415         January 1, 1992           Chlordiazepoxide hydrochloride         cancer         6164983         January 1, 1989           Chlordiazepoxide hydrochloride         cancer         164983         January 1, 1989           Chlordineform         cancer         108171262         July 1, 1989           Chlorinated paraffins (Average chain length         cancer         108171262         July 1, 1989           Chloromiline percent chlorine by weight)         cancer         106478         October 1, 1948           P-Chloromiline percent chloride         cancer         106478         October 1, 1949           Chlorotethane (Ethyl chloride)         cancer         75003         July 1, 1990 <t< td=""><td></td><td>developmental</td><td>474259</td><td>April 1, 1990</td></t<>		developmental	474259	April 1, 1990
Chlorambucil         cancer         305033         February 27, 1987           Chloramphenicol         developmental         305033         January 1, 1989           Chloramphenicol         cancer         56757         October 1, 1989           Chlordane         cancer         57749         July 1, 1988           Chlordiacepoxide         developmental         143500         January 1, 1988           Chlordiazepoxide hydrochloride         developmental         438415         January 1, 1989           Chlordiazepoxide hydrochloride         cancer         6164983         January 1, 1989           Chloredic acid         Chlorinated paraffins (Average chain length         cancer         115286         July 1, 1989           Chloromalize paraffins (Average chain length         cancer         106478         January 1, 1989           Chlorodia paraffins (Average chain length         cancer         106478         July 1, 1989           Chlorodibaromomethane         cancer         106478         October 1, 1994           Chlorodibiromomethane         cancer         106478         October 1, 1994           L-2-Chloroethyl)-3-(4-methylcyclohexyl-1-         cancer         75003         July 1, 1990           L-2-Chloroethyl)-3-(4-methylcyclohexyl-1-         cancer         1390996         Oc				
Chloramphenicol		•		-
Chloroyclizine hydrochloride         developmental         1620219         July 1, 1987           Chlordane         cancer         57749         July 1, 1988           Chlordecone (Kepone)         cancer         143500         January 1, 1988           Chlordiazepoxide         developmental         143500         January 1, 1992           Chlordiazepoxide hydrochloride         developmental         438415         January 1, 1992           Chlordimeform         cancer         6164983         January 1, 1989           Chlorinated paraffins (Average chain length, Cl2-approximately 60 percent chlorine by weight)         cancer         108171262         July 1, 1989           Chloroaniline hydrochloride         cancer         20265967         May 15, 1998           Chlorodibromomethane         cancer         20265967         May 15, 1998           Chlorodibromomethane         cancer         75003         July 1, 1990           1-2-Chloroethyl)-3-cyclohexyl-1-         cancer         13010474         January 1, 1998           1-c2-Chloroethyl)-3-cyclohexyl-1-         cancer         13010474         July 1, 1989           1-ritrosourca (Methyl-CCNU)         cancer         1309096         October 1, 1988           1- nitrosourca (Methyl-CCNU)         cancer         107302         February 27, 1		developmental	305033	
Chlordacene (Kepone)         cancer (ancer cancer)         57749 (January 1, 1988 cancer)         July 1, 1988 January 1, 1989 January 1, 1989 January 1, 1989 developmental (avelopmental developmental developmental developmental developmental developmental developmental developmental developmental developmental days January 1, 1999 Chlordiazepoxide hydrochloride cancer (ancer developmental developmental days January 1, 1989 Chloradiazepoxide developmental developmental days January 1, 1989 Chloradiazepoxide developmental		cancer		October 1, 1989
Chlordecone (Kepone)         cancer         143500         January 1, 1989           Chlordiazepoxide         developmental         143500         January 1, 1992           Chlordiazepoxide hydrochloride         developmental         438415         January 1, 1992           Chlordimeform         cancer         6164983         January 1, 1989           Chlorinated paraffins (Average chain length Cl2-approximately 60 percent chlorine by weight)         cancer         108171262         July 1, 1989           Chloroaniline hydrochloride         cancer         106478         October 1, 1994           Chloroaniline hydrochloride         cancer         20265967         May 15, 1998           Chlorodibromomethane         cancer         75003         July 1, 1999           Chloroethyl-3-cyclohexyl-1- (2-Chloroethyl)-3-cyclohexyl-1- (ancer         13010474         January 1, 1989           1-(2-Chloroethyl)-3-(4-methylcyclohexyl)- 1- (ancer         13010474         July 1, 1990           1- (2-Chloroethyl)-3-(4-methylcyclohexyl)- 2- (ancer         13909096         October 1, 1988           1- introsourea (Methyl-CCNU)         cancer         67663         October 1, 1988           1- introsourea (Methyl-CCNU)         cancer         107302         February 27, 1987           3-Chloro-2-methylpropene         cancer         563473		developmental		
Chlordiazepoxide   developmental   44500   January 1, 1989   developmental   58253   January 1, 1992   Chlordiazepoxide hydrochloride   developmental   438415   January 1, 1992   Chlordimeform   cancer   6164983   January 1, 1992   Chlordimeform   cancer   115286   July 1, 1989   Chlorinated paraffins (Average chain length, C12:approximately 60 percent chlorine by weight)   P-Chloroanilline   cancer   108171262   July 1, 1989   Chloroanilline hydrochloride   cancer   20265967   May 15, 1998   Chlorodibromomethane   cancer   20265967   May 15, 1998   Chlorodibromomethane   cancer   75003   July 1, 1990   Delisted October 29, 1999   Chlorochloride   cancer   3010474   January 1, 1988   January 1, 1989   J		cancer		2 .
Chlordiazepoxide         developmental         48253         January 1, 1992           Chlordiazepoxide hydrochloride         developmental         438415         January 1, 1989           Chlordimeform         cancer         6164983         January 1, 1989           Chlorinated paraffins (Average chain length, Cl2:approximately 60 percent chlorine by weight)         cancer         115286         July 1, 1989           P-Chloroaniline         cancer         106478         October 1, 1994           P-Chloroaniline hydrochloride         cancer         20265967         May 15, 1998           Chlorodibromomethane         eancer         124481         January 1, 1990           Chlorochtane (Ethyl chloride)         cancer         75003         July 1, 1990           1-(2-Chloroethyl)-3-cyclohexyl-1-         cancer         13010474         July 1, 1990           1-(2-Chloroethyl)-3-(4-methylcyclohexyl)-         cancer         13090996         October 1, 1988           1- nitrosourea (Methyl-CCNU)         cancer         13090996         October 1, 1987           Chloro-2-methyl methyl ether (technical grade)         cancer         563473         July 1, 1989           1-Chloro-4-nitrobenzene         cancer         100005         October 2, 1999           4-Chloro-o-toluidine         cancer         18974	Chlordecone (Kepone)			
Chlordiazepoxide hydrochloride         developmental         438415         January 1, 1992           Chlordimeform         cancer         6164983         January 1, 1989           Chlorendic acid         cancer         115286         July 1, 1989           Chlorianted paraffins (Average chain length, C12:approximately 80 percent chlorine by weight)         reacer         108171262         July 1, 1989           Value of the prochloroaniline policy of the policy of				
Chlordimeform         cancer         6164983         January 1, 1989           Chlorendic acid         cancer         115286         July 1, 1989           Chlorinated paraffins (Average chain length, C12:approximately 60 percent chlorine by weight)         cancer         108471262         July 1, 1989           P-Chloroaniline hydrochloride         cancer         20265967         May 15, 1998           Chlorodibromomethane         cancer         20265967         May 15, 1998           Chlorodibromomethane         cancer         20265967         May 15, 1998           Chlorodibromomethane         cancer         75003         July 1, 1990           1-(2-Chloroethyl)-3-cyclohexyl-1         cancer         13010474         January 1, 1988           1-(2-Chloroethyl)-3-(4-methylcyclohexyl)-1         cancer         13090996         October 1, 1988           1- nitrosourea (Methyl-CCNU)         cancer         67663         October 1, 1988           1- nitrosourea (Methyl-CCNU)         cancer         107302         February 27, 1987           3-Chloro-2-methyl methyl ether (technical grade)         cancer         563473         July 1, 1989           1-Chloro-4-nitrobenzene         cancer         100005         October 29, 1999           4-Chloro-o-phenylenediamine         cancer         126998				
Chlorendic acid   Chlorinated paraffins (Average chain length, Cl2:approximately 60 percent chlorine by weight)   P-Chloroamiline   P-Chloroamiline   Cancer   106478   October 1, 1994   P-Chloroamiline   P-Chloroamiline   Cancer   20265967   May 15, 1998   Chlorodibromomethane   Cancer   20265967   May 15, 1998   Chlorodibromomethane   Cancer   20265967   May 15, 1998   P-Chloroamiline   P-Chloroamiline		-		
Chlorinated paraffins (Average chain length, C12:approximately 60 percent chlorine by weight)   P-Chloroaniline   P-Ch				
C12;approximately 60 percent chlorine by weight)   P-Chloroaniline   Cancer   106478   October 1, 1994   P-Chloroaniline   Cancer   20265967   May 15, 1998   D-Chloroaniline hydrochloride   Cancer   20265967   May 15, 1998   D-Chloroaniline hydrochloride   Cancer   20265967   May 15, 1998   D-Chloroethane (Ethyl chloride)   Cancer   T5003   July 1, 1990   D-Chloroethane (Ethyl chloride)   Cancer   T3010474   January 1, 1988   D-Chloroethyl)-3-cyclohexyl-1   Cancer   T3010474   July 1, 1990   D-Chloroethyl)-3-(4-methylcyclohexyl-1   Cancer   T3010474   July 1, 1990   D-Chloroethyl)-3-(4-methylcyclohexyl-1   Cancer   T3010474   July 1, 1990   D-Chloroform   Cancer   T3010474   D-Chloroethyll methyl ether (technical grade)   Cancer   T07302   Cebruary 27, 1987   D-Chloro-2-methylpropen   Cancer   T07302   Cebruary 27, 1987   D-Chloro-2-methylpropen   Cancer   T07302   Cebruary 27, 1987   D-Chloro-2-methylendiamine   Cancer   T00005   October 29, 1999   D-Chloro-2-methylendiamine   Cancer   T26998   Junuary 1, 1988   D-Chloro-2-methylendiamine   Cancer   T26998   June 2, 2000   Chlorothalonil   Cancer   T26998   June 2, 2000   Chlorothalonil   Cancer   T26998   June 2, 2000   D-Chloro-0-toluidine   Cancer   T26998   Junuary 1, 1989   D-Chloro-0-toluidine   Cancer   T26998   Junuary 1, 1989   D-Chloro-0-toluidine   Cancer   T26998   Junuary 1, 1990   D-Chloro-0-toluidine   Cancer   T26998   Junuary 1, 1990   D-Chlorozotocin   T26998   Junuary 1, 1990   D-Chl				2 .
weight)         v-Chloroaniline         cancer         106478         October 1, 1994           p-Chloroaniline hydrochloride         cancer         20265967         May 15, 1998           Chlorodibromomethane         eancer         124481         January 1, 1990           Chloroethylorodiby         cancer         75003         July 1, 1990           1-(2-Chloroethyl)-3-cyclohexyl-1-         cancer         13010474         January 1, 1988           nitrosourea (CCNU) (Lomustine)         developmental         13010474         July 1, 1990           1-(2-Chloroethyl)-3-(4-methylcyclohexyl)-         cancer         67663         October 1, 1988           1-nitrosourea (Methyl-CCNU)         cancer         67663         October 1, 1987           Chloroform         cancer         67663         October 1, 1987           Chloro-2-methylpropene         cancer         107302         February 27, 1987           3-Chloro-2-methylpropene         cancer         563473         July 1, 1989           4-Chloro-o-phenylenediamine         cancer         95830         January 1, 1988           Chloroprene         cancer         126998         June 2, 2000           Chloro-o-toluidine         cancer         95692         January 1, 1989           P-Chloro-o-toluidine, stron		cancer	1081/1202	July 1, 1989
p-Chloroaniline p-Chloroaniline hydrochloride         cancer         106478         October 1, 1994           p-Chloroaniline hydrochloride Chlorodibromomethane         cancer         20265967         May 15, 1998           Chlorodibromomethane         eaneer         124481         January 1, 1990           Chloroethane (Ethyl chloride)         cancer         75003         July 1, 1990           1-(2-Chloroethyl)-3-cyclohexyl-1- nitrosourea (CCNU) (Lomustine)         developmental         13010474         July 1, 1990           1-(2-Chloroethyl)-3-(4-methylcyclohexyl)- 1-nitrosourea (Methyl-CCNU)         cancer         13909096         October 1, 1988           1-nitrosourea (Methyl-CCNU)         cancer         67663         October 1, 1987           Chloroform         cancer         67663         October 1, 1987           7-Chloro-2-methylpropene         cancer         107302         February 27, 1987           3-Chloro-2-methylpropene         cancer         563473         July 1, 1989           1-Chloro-4-nitrobenzene         cancer         126998         June 2, 2000           Chloroprene         cancer         126998         June 2, 2000           Chlororobridalonil         cancer         126998         June 2, 2000           Chloro-o-toluidine, strong acid salts of         cancer         56	* * *			
p-Chloroaniline hydrochloride         cancer         20265967         May 15, 1998           Chlorodibromomethane         eancer         124481         January 1, 1990           Delisted October 29, 1999         Delisted October 29, 1999           Chloroethane (Ethyl chloride)         cancer         75003         July 1, 1990           1-(2-Chloroethyl)-3-cyclohexyl-1-         cancer         13010474         Junuary 1, 1988           nitrosourea (CCNU) (Lomustine)         developmental         13010474         July 1, 1990           1-(2-Chloroethyl)-3-(4-methylcyclohexyl)-1-nitrosourea (Methyl-CCNU)         cancer         13909096         October 1, 1988           1-nitrosourea (Methyl-CCNU)         cancer         67663         October 1, 1988           1-Chloro-d-nitrobence         cancer         107302         February 27, 1987           3-Chloro-2-methylpropene         cancer         100005         October 1, 1987           1-Chloro-4-nitrobenzene         cancer         100005         October 29, 1999           4-Chloro-phenylenediamine         cancer         126998         June 2, 2000           Chlororbidolnil         cancer         1897456         January 1, 1988           P-Chloro-o-toluidine         cancer         95692         January 1, 1990           9-Chloro-o-tolui		cancer	106478	October 1 1994
Chlorodibromomethane         eancer         124481         January 1, 1990 Delisted October 29, 1999           Chloroethane (Ethyl chloride)         cancer         75003         July 1, 1990           1-(2-Chloroethyl)-3-cyclohexyl-1-nitrosourea (CCNU) (Lomustine)         developmental         13010474         January 1, 1988           1-(2-Chloroethyl)-3-(4-methylcyclohexyl)-1-nitrosourea (Methyl-CCNU)         cancer         13909096         October 1, 1988           1-introsourea (Methyl-CCNU)         cancer         67663         October 1, 1987           Chloroform         cancer         107302         February 27, 1987           3-Chloro-2-methylpropene         cancer         563473         July 1, 1989           1-Chloro-4-nitrobenzene         cancer         100005         October 29, 1999           4-Chloro-o-phenylenediamine         cancer         95830         January 1, 1988           Chlororbalonil         cancer         126998         June 2, 2000           Chlorothalonil         cancer         1897456         January 1, 1989           5-Chloro-o-toluidine, strong acid salts of cancer         cancer         —         May 15, 1998           5-Chloro-o-toluidine and its strong acid         cancer         569573         September 1, 1996           Chlorosulfuron         developmental, female, mal				
Chloroethane (Ethyl chloride)				
Chloroethane (Ethyl chloride)         cancer         75003         July 1, 1990           1-(2-Chloroethyl)-3-cyclohexyl-1-nitrosourea (CCNU) (Lomustine)         cancer         13010474         January 1, 1988           1-(2-Chloroethyl)-3-(4-methylcyclohexyl)-1-nitrosourea (Methyl-CCNU)         developmental         13010474         July 1, 1990           1-(2-Chloroethyl)-3-(4-methylcyclohexyl)-1-nitrosourea (Methyl-CCNU)         cancer         67663         October 1, 1987           Chloroform         cancer         67663         October 1, 1987           Chloro-2-methyl propene         cancer         107302         February 27, 1987           3-Chloro-2-methylpropene         cancer         100005         October 29, 1999           4-Chloro-2-phenylenediamine         cancer         100005         October 29, 1999           4-Chloro-o-phenylenediamine         cancer         126998         June 2, 2000           Chlorothalonil         cancer         1897456         January 1, 1989           P-Chloro-o-toluidine, strong acid salts of         cancer          May 15, 1998           5-Chloro-o-toluidine, strong acid salts of         cancer          October 24, 1997           salts         cancer         569573         September 1, 1996           Chlorozotocin         cancer	Chior out of the mane	Carreer	121101	
Chloroethane (Ethyl chloride)         cancer         75003         July 1, 1990           1-(2-Chloroethyl)-3-cyclohexyl-1         cancer         13010474         January 1, 1988           nitrosourea (CCNU) (Lomustine)         developmental         13010474         July 1, 1990           1-(2-Chloroethyl)-3-(4-methylcyclohexyl)-         cancer         13909096         October 1, 1988           1- nitrosourea (Methyl-CCNU)         cancer         67663         October 1, 1987           Chloroform         cancer         107302         February 27, 1987           3-Chloro-2-methyl propene         cancer         563473         July 1, 1989           1-Chloro-4-nitrobenzene         cancer         100005         October 29, 1999           4-Chloro-o-phenylenediamine         cancer         126998         January 1, 1988           1-Chloroprene         cancer         1897456         January 1, 1988           Chloroprene         cancer         1897456         January 1, 1989           p-Chloro-o-toluidine, strong acid salts of         cancer          May 15, 1998           5-Chloro-o-toluidine, strong acid salts of         cancer          October 24, 1997           Salts         Chlorotrianisene         cancer         569573         September 1, 1996				
1-(2-Chloroethyl)-3-cyclohexyl-1-nitrosourea (CCNU) (Lomustine)   developmental   13010474   July 1, 1990    -(2-Chloroethyl)-3-(4-methylcyclohexyl)-1-nitrosourea (Methyl-CCNU)   cancer   13909096   October 1, 1988	Chloroethane (Ethyl chloride)	cancer	75003	
developmental   13010474   July 1, 1990    - (2-Chloroethyl)-3-(4-methylcyclohexyl)-1- nitrosourea (Methyl-CCNU)   cancer   13909096   October 1, 1988    - nitrosourea (Methyl-CCNU)   cancer   67663   October 1, 1987    - Chloroform   cancer   107302   February 27, 1987    - Chloromethyl methyl ether (technical grade)   cancer   563473   July 1, 1989    - Chloro-2-methylpropene   cancer   100005   October 29, 1999    - Chloro-4-nitrobenzene   cancer   100005   October 29, 1999    - Chloro-0-phenylenediamine   cancer   126998   June 2, 2000    - Chlorothalonil   cancer   1897456   January 1, 1988    - Chloro-0-toluidine   cancer   95692   January 1, 1989    - Chloro-0-toluidine   cancer   95692   January 1, 1990    - Chloro-0-toluidine and its strong acid   cancer     October 24, 1997    - Salts   Chlorozotocin   cancer   54749905   January 1, 1996    - Chlorozotocin   cancer   54749905   January 1, 1992    - Chloromium (hexavalent compounds)   cancer     February 27, 1987    - Chrysene   cancer   218019   January 1, 1990    - C.I. Acid Red 114   cancer   6459945   July 1, 1992    - C.I. Direct Blue 15   cancer   2429745   August 26, 1997    - C.I. Direct Blue 218   cancer   28407376   August 26, 1997    - C.I. Solvent Yellow 14   cancer   842079   May 15, 1998       C.I. Solvent Yellow 14   cancer   28407376   August 26, 1997       C.I. Solvent Yellow 14   cancer   28407376   August 26, 1997       C.I. Solvent Yellow 14   cancer   28407376   August 26, 1997       C.I. Solvent Yellow 14   cancer   28407376   August 26, 1997       C.I. Solvent Yellow 14   cancer   28407376   August 26, 1997       C.I. Solvent Yellow 14   cancer   28407376   August 26, 1997       C.I. Solvent Yellow 14   cancer   28407376   August 26, 1997       C.I. Solvent Yellow 14   cancer   28407376   August 26, 1997       C.I. Solvent Yellow 14   cancer   28407376   August 26, 1997       C.I. Solvent Yellow 14   cancer   28407376   August 26, 1997       C.I. Solvent Yellow 14   cancer   28407376   A		cancer	13010474	
1-(2-Chloroethyl)-3-(4-methylcyclohexyl)-  cancer   13909096   October 1, 1988     1- nitrosourea (Methyl-CCNU)   cancer   67663   October 1, 1987     Chloroform   cancer   67663   October 1, 1987     Chloromethyl methyl ether (technical grade)   cancer   563473   July 1, 1988     1-Chloro-2-methylpropene   cancer   100005   October 29, 1999     4-Chloro-o-phenylenediamine   cancer   126998   June 2, 2000     Chlorothalonil   cancer   1897456   January 1, 1988     D-Chloro-o-toluidine   cancer   95692   January 1, 1990     D-Chloro-o-toluidine   strong acid salts of   cancer     October 24, 1997     Salts   Chlorozotocin   cancer   569573   September 1, 1996     Chlorosulfuron   developmental, female, male   64902723   May 14, 1999     Chromium (hexavalent compounds)   cancer   218019   January 1, 1990     C.I. Basic Red 9 monohydrochloride   cancer   6459945   July 1, 1992     C.I. Direct Blue 15   cancer   2429745   August 26, 1997     C.I. Solvent Yellow 14   cancer   28407376   August 26, 1997     C.I. Solvent Yellow 14   cancer   842079   May 15, 1998     October 1, 1988     October 1, 1987     October 2, 1987   July 1, 1988     October 2, 1987   July 1, 1988     October 29, 1999     October 29, 1				<b>,</b>
1- nitrosourea (Methyl-CCNU)		developmental	13010474	July 1, 1990
Chloroform         cancer         67663         October 1, 1987           Chloromethyl methyl ether (technical grade)         cancer         107302         February 27, 1987           3-Chloro-2-methylpropene         cancer         563473         July 1, 1989           1-Chloro-4-nitrobenzene         cancer         100005         October 29, 1999           4-Chloro-o-phenylenediamine         cancer         95830         January 1, 1988           Chloroprene         cancer         126998         June 2, 2000           Chlorothalonil         cancer         1897456         January 1, 1989           p-Chloro-o-toluidine, strong acid salts of         cancer         95692         January 1, 1990           p-Chloro-o-toluidine, strong acid salts of         cancer          October 24, 1997           salts          October 29, 1999         October 29, 1999         October 29, 1999         October 29, 1999           5-Chloro-o-phenylenediamine         cancer         95692         January 1, 1989         October 29, 1999         October 29, 1999           5-Chloro-o-toluidine, strong acid salts of         cancer          October 29, 1998         October 29, 1998           5-Chloro-o-toluidine, strong acid salts of         cancer         569573         September 1, 1996 <td></td> <td>cancer</td> <td>13909096</td> <td>October 1, 1988</td>		cancer	13909096	October 1, 1988
Chloromethyl methyl ether (technical grade)         cancer         107302         February 27, 1987           3-Chloro-2-methylpropene         cancer         563473         July 1, 1989           1-Chloro-4-nitrobenzene         cancer         100005         October 29, 1999           4-Chloro-o-phenylenediamine         cancer         95830         January 1, 1988           Chloroprene         cancer         126998         June 2, 2000           Chlorohalonil         cancer         1897456         January 1, 1989           p-Chloro-o-toluidine, strong acid salts of         cancer         95692         January 1, 1990           p-Chloro-o-toluidine, strong acid salts of         cancer          May 15, 1998           5-Chloro-o-toluidine and its strong acid         cancer          October 24, 1997           salts          October 24, 1997         salts           Chlorozotocin         cancer         569573         September 1, 1996           Chlorsulfuron         developmental, female, male         64902723         May 14, 1999           Chrysene         cancer         218019         January 1, 1990           C.I. Acid Red 114         cancer         6459945         July 1, 1989           C.I. Basic Red 9 monohydrochloride				
3-Chloro-2-methylpropene         cancer         563473         July 1, 1989           1-Chloro-4-nitrobenzene         cancer         100005         October 29, 1999           4-Chloro-o-phenylenediamine         cancer         95830         January 1, 1988           Chloroprene         cancer         126998         June 2, 2000           Chlorothalonil         cancer         1897456         January 1, 1989           p-Chloro-o-toluidine         cancer         95692         January 1, 1990           p-Chloro-o-toluidine, strong acid salts of cancer         cancer          May 15, 1998           5-Chloro-o-toluidine and its strong acid cancer         cancer          October 24, 1997           salts         September 1, 1996           Chlorotrianisene         cancer         569573         September 1, 1996           Chlorozotocin         cancer         54749905         January 1, 1999           Chromium (hexavalent compounds)         cancer          February 27, 1987           Chrysene         cancer         218019         January 1, 1990           C.I. Acid Red 114         cancer         6459945         July 1, 1989           C.I. Direct Blue 15         cancer         2429745         August 26, 1997		cancer		
1-Chloro-4-nitrobenzene         cancer         100005         October 29, 1999           4-Chloro-o-phenylenediamine         cancer         95830         January 1, 1988           Chloroprene         cancer         126998         June 2, 2000           Chlorothalonil         cancer         1897456         January 1, 1989           p-Chloro-o-toluidine         cancer         95692         January 1, 1990           p-Chloro-o-toluidine, strong acid salts of 5-Chloro-o-toluidine and its strong acid cancer         cancer          May 15, 1998           5-Chloro-o-toluidine and its strong acid salts of 5-Chloro-o-toluidine and its strong acid cancer         cancer         569573         September 1, 1996           Chlorotrianisene         cancer         569573         September 1, 1996           Chlorozotocin         cancer         54749905         January 1, 1992           Chlorsulfuron         developmental, female, male         64902723         May 14, 1999           Chromium (hexavalent compounds)         cancer         218019         January 1, 1990           C.I. Acid Red 114         cancer         6459945         July 1, 1992           C.I. Basic Red 9 monohydrochloride         cancer         569619         July 1, 1989           C.I. Direct Blue 15         cancer         2429745 <td></td> <td></td> <td></td> <td></td>				
4-Chloro-o-phenylenediamine       cancer       95830       January 1, 1988         Chloroprene       cancer       126998       June 2, 2000         Chlorothalonil       cancer       1897456       January 1, 1989         p-Chloro-o-toluidine       cancer       95692       January 1, 1990         p-Chloro-o-toluidine, strong acid salts of       cancer        May 15, 1998         5-Chloro-o-toluidine and its strong acid       cancer        October 24, 1997         salts       Chlorotrianisene       cancer       569573       September 1, 1996         Chlorozotocin       cancer       54749905       January 1, 1992         Chlorsulfuron       developmental, female, male       64902723       May 14, 1999         Chromium (hexavalent compounds)       cancer        February 27, 1987         Chrysene       cancer       218019       January 1, 1990         C.I. Acid Red 114       cancer       6459945       July 1, 1992         C.I. Basic Red 9 monohydrochloride       cancer       569619       July 1, 1989         C.I. Direct Blue 15       cancer       2429745       August 26, 1997         C.I. Direct Blue 218       cancer       28407376       August 26, 1997         C.I. Solve		cancer		
Chloroprene         cancer         126998         June 2, 2000           Chlorothalonil         cancer         1897456         January 1, 1989           p-Chloro-o-toluidine         cancer         95692         January 1, 1990           p-Chloro-o-toluidine, strong acid salts of         cancer          May 15, 1998           5-Chloro-o-toluidine and its strong acid         cancer          October 24, 1997           salts          Chlorosotocin         cancer         569573         September 1, 1996           Chlorozotocin         cancer         54749905         January 1, 1992           Chlorsulfuron         developmental, female, male         64902723         May 14, 1999           Chromium (hexavalent compounds)         cancer          February 27, 1987           Chrysene         cancer         218019         January 1, 1990           C.I. Acid Red 114         cancer         6459945         July 1, 1992           C.I. Basic Red 9 monohydrochloride         cancer         569619         July 1, 1989           C.I. Direct Blue 15         cancer         2429745         August 26, 1997           C.I. Direct Blue 218         cancer         28407376         August 26, 1997           C.I. Solvent Yellow 14				,
$\begin{array}{cccccccccccccccccccccccccccccccccccc$				
p-Chloro-o-toluidine         cancer         95692         January 1, 1990           p-Chloro-o-toluidine, strong acid salts of 5-Chloro-o-toluidine and its strong acid         cancer          May 15, 1998           5-Chloro-o-toluidine and its strong acid         cancer          October 24, 1997           salts          September 1, 1996           Chlorotrianisene         cancer         54749905         January 1, 1996           Chlorozotocin         developmental, female, male         64902723         May 14, 1999           Chromium (hexavalent compounds)         cancer          February 27, 1987           Chrysene         cancer         218019         January 1, 1990           C.I. Acid Red 114         cancer         6459945         July 1, 1992           C.I. Basic Red 9 monohydrochloride         cancer         569619         July 1, 1989           C.I. Direct Blue 15         cancer         2429745         August 26, 1997           C.I. Direct Blue 218         cancer         28407376         August 26, 1997           C.I. Solvent Yellow 14         cancer         842079         May 15, 1998				
p-Chloro-o-toluidine, strong acid salts of 5-Chloro-o-toluidine and its strong acid cancer October 24, 1997 salts Chlorotrianisene cancer 569573 September 1, 1996 Chlorozotocin cancer 54749905 January 1, 1992 Chlorsulfuron developmental, female, male 64902723 May 14, 1999 Chromium (hexavalent compounds) cancer February 27, 1987 Chrysene cancer 218019 January 1, 1990 C.I. Acid Red 114 cancer 6459945 July 1, 1992 C.I. Basic Red 9 monohydrochloride cancer 569619 July 1, 1989 C.I. Direct Blue 15 cancer 2429745 August 26, 1997 C.I. Direct Blue 218 cancer 28407376 August 26, 1997 C.I. Solvent Yellow 14 cancer 842079 May 15, 1998				
5-Chloro-o-toluidine and its strong acid salts  Chlorotrianisene cancer 569573 September 1, 1996 Chlorozotocin cancer 54749905 January 1, 1992 Chlorsulfuron developmental, female, male 64902723 May 14, 1999 Chromium (hexavalent compounds) cancer February 27, 1987 Chrysene cancer 218019 January 1, 1990 C.I. Acid Red 114 cancer 6459945 July 1, 1992 C.I. Basic Red 9 monohydrochloride cancer 569619 July 1, 1989 C.I. Direct Blue 15 cancer 2429745 August 26, 1997 C.I. Direct Blue 218 cancer 28407376 August 26, 1997 C.I. Solvent Yellow 14 cancer 842079 May 15, 1998			93092	
salts         Chlorotrianisene         cancer         569573         September 1, 1996           Chlorozotocin         cancer         54749905         January 1, 1992           Chlorsulfuron         developmental, female, male         64902723         May 14, 1999           Chromium (hexavalent compounds)         cancer          February 27, 1987           Chrysene         cancer         218019         January 1, 1990           C.I. Acid Red 114         cancer         6459945         July 1, 1992           C.I. Basic Red 9 monohydrochloride         cancer         569619         July 1, 1989           C.I. Direct Blue 15         cancer         2429745         August 26, 1997           C.I. Direct Blue 218         cancer         28407376         August 26, 1997           C.I. Solvent Yellow 14         cancer         842079         May 15, 1998				- ·
Chlorotrianisene         cancer         569573         September 1, 1996           Chlorozotocin         cancer         54749905         January 1, 1992           Chlorsulfuron         developmental, female, male         64902723         May 14, 1999           Chromium (hexavalent compounds)         cancer          February 27, 1987           Chrysene         cancer         218019         January 1, 1990           C.I. Acid Red 114         cancer         6459945         July 1, 1992           C.I. Basic Red 9 monohydrochloride         cancer         569619         July 1, 1989           C.I. Direct Blue 15         cancer         2429745         August 26, 1997           C.I. Direct Blue 218         cancer         28407376         August 26, 1997           C.I. Solvent Yellow 14         cancer         842079         May 15, 1998		Cancer		October 24, 1777
Chlorozotocin         cancer         54749905         January 1, 1992           Chlorsulfuron         developmental, female, male         64902723         May 14, 1999           Chromium (hexavalent compounds)         cancer          February 27, 1987           Chrysene         cancer         218019         January 1, 1990           C.I. Acid Red 114         cancer         6459945         July 1, 1992           C.I. Basic Red 9 monohydrochloride         cancer         569619         July 1, 1989           C.I. Direct Blue 15         cancer         2429745         August 26, 1997           C.I. Direct Blue 218         cancer         28407376         August 26, 1997           C.I. Solvent Yellow 14         cancer         842079         May 15, 1998		cancer	569573	September 1 1996
Chlorsulfuron         developmental, female, male         64902723         May 14, 1999           Chromium (hexavalent compounds)         cancer          February 27, 1987           Chrysene         cancer         218019         January 1, 1990           C.I. Acid Red 114         cancer         6459945         July 1, 1992           C.I. Basic Red 9 monohydrochloride         cancer         569619         July 1, 1989           C.I. Direct Blue 15         cancer         2429745         August 26, 1997           C.I. Direct Blue 218         cancer         28407376         August 26, 1997           C.I. Solvent Yellow 14         cancer         842079         May 15, 1998				-
Chromium (hexavalent compounds)         cancer          February 27, 1987           Chrysene         cancer         218019         January 1, 1990           C.I. Acid Red 114         cancer         6459945         July 1, 1992           C.I. Basic Red 9 monohydrochloride         cancer         569619         July 1, 1989           C.I. Direct Blue 15         cancer         2429745         August 26, 1997           C.I. Direct Blue 218         cancer         28407376         August 26, 1997           C.I. Solvent Yellow 14         cancer         842079         May 15, 1998				
Chrysene       cancer       218019       January 1, 1990         C.I. Acid Red 114       cancer       6459945       July 1, 1992         C.I. Basic Red 9 monohydrochloride       cancer       569619       July 1, 1989         C.I. Direct Blue 15       cancer       2429745       August 26, 1997         C.I. Direct Blue 218       cancer       28407376       August 26, 1997         C.I. Solvent Yellow 14       cancer       842079       May 15, 1998		-		
C.I. Acid Red 114       cancer       6459945       July 1, 1992         C.I. Basic Red 9 monohydrochloride       cancer       569619       July 1, 1989         C.I. Direct Blue 15       cancer       2429745       August 26, 1997         C.I. Direct Blue 218       cancer       28407376       August 26, 1997         C.I. Solvent Yellow 14       cancer       842079       May 15, 1998			218019	
C.I. Direct Blue 15       cancer       2429745       August 26, 1997         C.I. Direct Blue 218       cancer       28407376       August 26, 1997         C.I. Solvent Yellow 14       cancer       842079       May 15, 1998		cancer	6459945	
C.I. Direct Blue 218 cancer 28407376 August 26, 1997 C.I. Solvent Yellow 14 cancer 842079 May 15, 1998	C.I. Basic Red 9 monohydrochloride	cancer	569619	July 1, 1989
C.I. Solvent Yellow 14 cancer 842079 May 15, 1998		cancer	2429745	
· ·		cancer		
Ciclosporin (Cyclosporin A; cancer 59865133 January 1, 1992		cancer		_
	Ciclosporin (Cyclosporin A;	cancer	59865133	January 1, 1992

Cooleanarina		70217600	I
Cyclosporine) Cidofovir	aanaan dayalanmantal	79217600 113852372	January 1, 1992
Cidolovir	cancer, developmental,	113832372	January 29, 1999
Cinnamy lanthumilata	female, male	87296	I.J., 1 1000
Cinnamyl anthranilate	cancer	15663271	July 1, 1989 October 1, 1988
Cisplatin Citrus Red No. 2	cancer	6358538	October 1, 1988
Cladribine	cancer developmental	4291638	September 1, 1996
	•	81103119	May 1, 1997
Clarithromycin	developmental	25122467	May 1, 1997 May 15, 1998
Clobetasol propionate Clofibrate	developmental, female	637070	September 1, 1996
Clomiphene citrate	cancer developmental	50419	April 1, 1990
Clorazepate dipotassium	developmental	57109907	October 1, 1992
Cobalt metal powder	•	7440484	July 1, 1992
Cobalt [II] oxide	cancer	1307966	July 1, 1992 July 1, 1992
Cobalt sulfate heptahydrate	cancer	10026241	June 2, 2000
Cocaine	cancer developmental, female	50362	July 1, 1989
Codeine phosphate	developmental	52288	May 15, 1998
Coke oven emissions	cancer	32200	February 27, 1987
Colchicine	developmental, male	64868	October 1, 1992
Conjugated estrogens	cancer	04000	February 27, 1987
Conjugated estrogens	developmental		April 1, 1990
Creosotes	cancer		October 1, 1988
p-Cresidine		120718	January 1, 1988
<i>p</i> -Cresidine Cupferron	cancer	135206	January 1, 1988
Cyanazine	cancer developmental	21725462	April 1, 1990
Cycasin	cancer	14901087	January 1, 1988
Cycloate	developmental	1134232	March 19, 1999
Cyclohexanol	male	108930	November 6, 1998
Cycloheximide	developmental	66819	January 1, 1989
Cyclophosphamide (anhydrous)	cancer	50180	February 27, 1987
Cyclophosphannae (annyarous)	developmental, female, male	50180	January 1, 1989
Cyclophosphamide (hydrated)	cancer	6055192	February 27, 1987
Cyclophosphamide (nyurateu)	developmental, female, male	6055192	January 1, 1989
Cyhexatin	developmental	13121705	January 1, 1989
Cytarabine	developmental	147944	January 1, 1989
Cytembena	cancer	21739913	May 15, 1998
Cytembena	cancer	21739913	Way 13, 1996
D&C Orange No. 17	cancer	3468631	July 1, 1990
D&C Red No. 8	cancer	2092560	October 1, 1990
D&C Red No. 9	cancer	5160021	July 1, 1990
D&C Red No. 19	cancer	81889	July 1, 1990
Dacarbazine	cancer	4342034	January 1, 1988
	developmental	4342034	January 29, 1999
Daminozide	cancer	1596845	January 1, 1990
Danazol	developmental	17230885	April 1, 1990
Dantron (Chrysazin; 1,8-Dihydro-	cancer	117102	January 1, 1992
xyanthraquinone)			
Daunomycin	cancer	20830813	January 1, 1988
Daunorubicin hydrochloride	developmental	23541506	July 1, 1990
2,4-D butyric acid	<del>developmental</del> , male	94826	June 18, 1999
DDD (Dichlorodiphenyldichloroethane)	cancer	72548	January 1, 1989
DDE (Dichlorodiphenyldichloroethylene)	cancer	72559	January 1, 1989
DDT (Dichlorodiphenyltrichloroethane)	cancer	50293	October 1, 1987

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o,p ' -DDT	developmental, female, male	789026	May 15, 1998
p,p ' -DDT	developmental, female, male	50293	May 15, 1998
DDVP (Dichlorvos)	cancer	62737	January 1, 1989
2,4-DP (dichloroprop)	developmental	120365	April 27, 1999
N,N'-Diacetylbenzidine	cancer	613354	October 1, 1989
2,4-Diaminoanisole	cancer	615054	October 1, 1990
2,4-Diaminoanisole sulfate		39156417	January 1, 1988
	cancer	101804	
4,4'-Diaminodiphenyl ether (4,4'-	cancer	101604	January 1, 1988
Oxydianiline)		05005	1 1000
2,4-Diaminotoluene	cancer	95807	January 1, 1988
Demeclocycline hydrochloride (internal	developmental	64733	January 1, 1992
use)			
Diaminotoluene (mixed)	cancer		January 1, 1990
Diazepam	developmental	439145	January 1, 1992
Diazoxide	developmental	364987	February 27, 2001
Dibenz[a,h]acridine	cancer	226368	January 1, 1988
Dibenz[a,j]acridine	cancer	224420	January 1, 1988
Dibenz[a,h]anthracene		53703	January 1, 1988
	cancer		
7H-Dibenzo[c,g]carbazole	cancer	194592	January 1, 1988
Dibenzo[a,e]pyrene	cancer	192654	January 1, 1988
Dibenzo[a,h]pyrene	cancer	189640	January 1, 1988
Dibenzo[a,i]pyrene	cancer	189559	January 1, 1988
Dibenzo[a,l]pyrene	cancer	191300	January 1, 1988
1,2-Dibromo-3-chloropropane (DBCP)	cancer	96128	July 1, 1987
	male	96128	February 27, 1987
2,3-Dibromo-1-propanol	cancer	96139	October 1, 1994
Dichloroacetic acid	cancer	79436	May 1, 1996
<i>p</i> -Dichlorobenzene	cancer	106467	January 1, 1989
3,3'-Dichlorobenzidine	cancer	91941	October 1, 1987
3,3'-Dichlorobenzidine dihydrochloride	cancer	612839	May 15, 1998
1,4-Dichloro-2-butene	cancer	764410	January 1, 1990
3,3'-Dichloro-4,4'-diamino-diphenyl ether	cancer	28434868	January 1, 1988
1,1-Dichloroethane		75343	
	cancer		January 1, 1990
Dichloromethane (Methylene chloride)	cancer	75092	April 1, 1988
Dichlorophene	developmental	97234	April 27, 1999
Dichlorphenamide	developmental	120978	February 27, 2001
Diclofop methyl	developmental	51338273	March 5, 1999
1,2-Dichloropropane	cancer	78875	January 1, 1990
1,3-Dichloropropene	cancer	542756	January 1, 1989
Dicumarol	developmental	66762	October 1, 1992
Dieldrin	cancer	60571	July 1, 1988
Dienestrol	cancer	84173	January 1, 1990
Diepoxybutane	cancer	1464535	January 1, 1988
Diesel engine exhaust	cancer		October 1, 1990
Di(2-ethylhexyl)phthalate	cancer	117817	January 1, 1988
1,2-Diethylhydrazine	cancer	1615801	January 1, 1988
Diethylstilbestrol (DES)	cancer	56531	February 27, 1987
Diethylathocation (DES)	developmental	56531	July 1, 1987
Diathyl sulfata	-		_
Diethyl sulfate	cancer	64675	January 1, 1988
Diflunisal  Dislocated according to the or (DCRF)	developmental, female	22494424	January 29, 1999
Diglycidyl resorcinol ether (DGRE)	cancer	101906	July 1, 1989
Dihydroergotamine mesylate	developmental	6190392	May 1, 1997
Dihydrosafrole	cancer	94586	January 1, 1988
Diisopropyl sulfate	cancer	2973106	April 1, 1993

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Diltiazem hydrochloride	developmental	33286225	February 27, 2001
3,3'-Dimethoxybenzidine ( <i>o</i> -Dianisidine)	cancer	119904	January 1, 1988
3,3'-Dimethoxybenzidine dihydrochloride	cancer	20325400	October 1, 1990
(o-Dianisidine dihydrochloride)		<04.4 <b></b>	* 1.1000
4-Dimethylaminoazobenzene	cancer	60117	January 1, 1988
trans-2-[(Dimethylamino) methylimino]-5-	cancer	55738540	January 1, 1988
[2-(5-nitro-2-furyl)vinyl]-1,3,4-oxadiazole			
7,12-Dimethylbenz(a)anthracene	cancer	57976	January 1, 1990
3,3'-Dimethylbenzidine (ortho-Tolidine)	cancer	119937	January 1, 1988
3,3'-Dimethylbenzidine dihydrochloride	cancer	612828	April 1, 1992
Dimethylcarbamoyl chloride	cancer	79447	January 1, 1988
1,1-Dimethylhydrazine (UDMH)	cancer	57147	October 1, 1989
1,2-Dimethylhydrazine	cancer	540738	January 1, 1988
Dimethyl sulfate	cancer	77781	January 1, 1988
Dimethylvinylchloride	cancer	513371	July 1, 1989
<i>m</i> -Dinitrobenzene	male	99650	July 1, 1990
o-Dinitrobenzene	male	528290	July 1, 1990
<i>p</i> -Dinitrobenzene	male	100254	July 1, 1990
3,7-Dinitrofluoranthene	cancer	105735715	August 26, 1997
3,9-Dinitrofluoranthene	cancer	22506532	August 26, 1997
1,6-Dinitropyrene	cancer	42397648	October 1, 1990
1,8-Dinitropyrene	cancer	42397659	October 1, 1990
Dinitrotoluene (technical grade)	female, male		August 20, 1999
Dinitrotoluene mixture, 2,4-/2,6-	cancer		May 1, 1996
2,4-Dinitrotoluene	cancer	121142	July 1, 1988
2, i Billia otoraone	male	121142	August 20, 1999
2,6-Dinitrotoluene	cancer	606202	July 1, 1995
2,0 Dimuotoidene	male	606202	August 20, 1999
Dinocap	developmental	39300453	April 1, 1990
Dinoseb	developmental, male	88857	January 1, 1989
1,4-Dioxane	cancer	123911	January 1, 1988
Diphenylhydantoin (Phenytoin)	cancer	57410	January 1, 1988
Diphenymydantom (Thenytom)	developmental	57410	July 1, 1987
Diphenylhydantoin (Phenytoin), sodium salt	cancer	630933	January 1, 1988
Di- <i>n</i> -propyl isocinchomeronate (MGK		136458	•
Repellent 326)	cancer	130436	May 1, 1996
1 /		1027277	I
Direct Black 38 (technical grade)	cancer	1937377	January 1, 1988
Direct Blue 6 (technical grade)	cancer	2602462	January 1, 1988
Direct Brown 95 (technical grade)	cancer	16071866	October 1, 1988
Disodium cyanodithioimidocarbonate	developmental	138932	March 30, 1999
Disperse Blue 1	cancer	2475458	October 1, 1990
Doxorubicin hydrochloride	developmental, male	23214928	January 29, 1999
Doxycycline (internal use)	developmental	564250	July 1, 1990
Doxycycline calcium (internal use)	developmental	94088854	January 1, 1992
Doxycycline hyclate (internal use)	developmental	24390145	October 1, 1991
Doxycycline monohydrate (internal use)	developmental	17086281	October 1, 1991
		<b></b>	<b>15</b> 45 4000
Endrin	developmental	72208	May 15, 1998
Epichlorohydrin	cancer	106898	October 1, 1987
	male	106898	September 1, 1996
Ergotamine tartrate	developmental	379793	April 1, 1990
Erionite	cancer	12510428	October 1, 1988
Estradiol 17B	cancer	50282	January 1, 1988

Estragole	cancer	140670	October 29, 1999
Estrone	cancer	53167	January 1, 1988
Estropipate	cancer, developmental	7280377	August 26, 1997
Ethinylestradiol	cancer	57636	January 1, 1988
Ethionamide	developmental	536334	August 26, 1997
Ethoprop	cancer	13194484	February 27, 2001
Ethyl acrylate	cancer	140885	July 1, 1989
Ethyl alcohol in alcoholic beverages	developmental		October 1, 1987
Ethyl dipropylthiocarbamate	developmental	759944	April 27, 1999
Ethyl-4,4'-dichlorobenzilate	cancer	510156	January 1, 1990
Ethylene dibromide	cancer	106934	July 1, 1987
	developmental, male	106934	May 15, 1998
Ethylene dichloride (1,2-Dichloroethane)	cancer	107062	October 1, 1987
Ethylene glycol monoethyl ether	developmental, male	110805	January 1, 1989
Ethylene glycol monoethyl ether acetate	developmental, male	111159	January 1, 1993
Ethylene glycol monomethyl ether	developmental, male	109864	January 1, 1989
Ethylene glycol monomethyl ether acetate	developmental, male	110496	January 1, 1993
Ethyleneimine	cancer	151564	January 1, 1988
Ethylene oxide	cancer	75218	July 1, 1987
	female	75218	February 27, 1987
Ethylene thiourea	cancer	96457	January 1, 1988
	developmental	96457	January 1, 1993
Ethyl methanesulfonate	cancer	62500	January 1, 1988
Etodolac	developmental, female	41340254	August 20, 1999
Etoposide	developmental	33419420	July 1, 1990
Etretinate	developmental	54350480	July 1, 1987
Fenoxaprop ethyl	developmental	66441234	March 26, 1999
Fenoxycarb	cancer	72490018	June 2, 2000
Filgrastim	developmental	121181531	February 27, 2001
Fluazifop butyl	developmental	69806504	November 6, 1998
Flunisolide	developmental, female	3385033	May 15, 1998
Fluorouracil	developmental	51218	January 1, 1989
Fluoxymesterone	developmental	76437	April 1, 1990
Flurazepam hydrochloride	developmental	1172185	October 1, 1992
Flurbiprofen	developmental, female	5104494	August 20, 1999
Flutamide	developmental	13311847	July 1, 1990
Fluticasone propionate	developmental	80474142	May 15, 1998
Fluvalinate	developmental	69409945	November 6, 1998
Folpet	cancer	133073	January 1, 1989
Formaldehyde (gas)	cancer	50000	January 1, 1988
2-(2-Formylhydrazino)-4-(5-nitro-2-	cancer	3570750	January 1, 1988
furyl)thiazole			
Furan	cancer	110009	October 1, 1993
Furazolidone	cancer	67458	January 1, 1990
Furmecyclox	cancer	60568050	January 1, 1990
Fusarin C	cancer	79748815	July 1, 1995
Ganciclovir sodium	cancer, developmental, male	82410320	August 26, 1997
Gasoline engine exhaust	cancer		October 1, 1990
(condensates/extracts)			
Gemfibrozil	cancer	25812300	December 22, 2000

Glasswool fibers (airborne particles of	female, male cancer	25812300	August 20, 1999 July 1, 1990
respirable size) Glu-P-1 (2-Amino-6-methyldipyrido[1,2-		67730114	January 1, 1990
a:3',2'-d]imidazole)	cancer		•
Glu-P-2 (2-Aminodipyrido[1,2-a:3',2'-d]imidazole)	cancer	67730103	January 1, 1990
Glycidaldehyde	cancer	765344	January 1, 1988
Glycidol	cancer	556525	July 1, 1990
Goserelin acetate Griseofulvin	developmental, female, male	65807025 126078	August 26, 1997
Gyromitrin (Acetaldehyde	cancer cancer	16568028	January 1, 1990 January 1, 1988
methylformylhydrazone)	Cancer	10300020	January 1, 1700
Halazepam	developmental	23092173	July 1, 1990
Halobetasol propionate	developmental	66852548	August 20, 1999
Haloperidol	developmental, female	52868	January 29, 1999
Halothane	developmental	151677	September 1, 1996
HC Blue 1	cancer	2784943	July 1, 1989
Heptachlor	cancer	76448	July 1, 1988
	developmental	76448	August 20, 1999
Heptachlor epoxide	cancer	1024573	July 1, 1988
Hexachlorobenzene	cancer	118741	October 1, 1987
	developmental	118741	January 1, 1989
Hexachlorocyclohexane (technical grade)	cancer	24465460	October 1, 1987
Hexachlorodibenzodioxin	cancer	34465468	April 1, 1988
Hexachloroethane	cancer	67721	July 1, 1990
Hexamethylphosphoramide	cancer male	680319 680319	January 1, 1988 October 1, 1994
Histrelin acetate	developmental	000319	May 15, 1998
Hydramethylnon	developmental, male	67485294	March 5, 1999
Hydrazine	cancer	302012	January 1, 1988
Hydrazine sulfate	cancer	10034932	January 1, 1988
Hydrazobenzene (1,2-Diphenyl-hydrazine)	cancer	122667	January 1, 1988
Hydroxyurea	developmental	127071	May 1, 1997
Idomybiain bydnosblonida	davidammental mala	57852570	August 20, 1000
Idarubicin hydrochloride Ifosfamide	developmental, male developmental	3778732	August 20, 1999 July 1, 1990
Iodine-131	developmental	10043660	January 1, 1989
Indeno [1,2,3-cd]pyrene	cancer	193395	January 1, 1988
Indium phosphide	cancer	22398807	February 27, 2001
IQ (2-Amino-3-methylimidazo [4,5-f]	cancer	76180966	April 1, 1990
quinoline)			1 ,
Iprodione	cancer	36734197	May 1, 1996
Iron dextran complex	cancer	9004664	January 1, 1988
Isobutyl nitrite	cancer	542563	May 1, 1996
Isoprene	cancer	78795	May 1, 1996
Isosafrole	cancer	120581	October 1, 1989
Isotretinoin	developmental	4759482	July 1, 1987
Isoxaflutole	cancer	141112290	December 22, 2000
Lactofen	cancer	77501634	January 1, 1989

Logicograino	aanaar	303344	April 1 1000
Lasiocarpine Lead	cancer		April 1, 1988 February 27, 1987
Lead and lead compounds	developmental, female, male		October 1, 1992
Lead acetate	cancer	301042	January 1, 1988
Lead phosphate	cancer	7446277	April 1, 1988
Lead subacetate		1335326	October 1, 1989
Leuprolide acetate	cancer developmental, female, male	74381536	August 26, 1997
•	developmental	59927	January 29, 1999
Levodopa	female	797637	May 15, 1998
Levonorgestrel implants			October 1, 1989
Lindane and other hexachloro-cyclohexane isomers	cancer		October 1, 1989
Linuron	davalanmental	330552	March 19, 1999
Lithium carbonate	developmental	554132	
Lithium carbonate Lithium citrate	developmental developmental	919164	January 1, 1991
			January 1, 1991
Lorazepam Lovastatin	developmental	846491 75330755	July 1, 1990
	developmental	52766	October 1, 1992
Lynestrenol	cancer	32700	February 27, 2001
Mancozeb	cancer	8018017	January 1, 1990
Maneb	cancer	12427382	January 1, 1990
Me-A-alpha-C (2-Amino-3-methyl-	cancer	68006837	January 1, 1990
9H-pyrido[2,3-b]indole)			•
Mebendazole	developmental	31431397	August 20, 1999
Medroxyprogesterone acetate	cancer	71589	January 1, 1990
	developmental	71589	April 1, 1990
Megestrol acetate	developmental	595335	January 1, 1991
MeIQ(2-Amino-3,4-dimethyl-imidazo[4,5-	cancer	77094112	October 1, 1994
f]quinoline)			
MeIQx(2-Amino-3,8-dimethyl-	cancer	77500040	October 1, 1994
imidazo[4,5-f]quinoxaline)			
Melphalan	cancer	148823	February 27, 1987
-	developmental	148823	July 1, 1990
Menotropins	developmental	9002680	April 1, 1990
Meprobamate	developmental	57534	January 1, 1992
Mercaptopurine	developmental	6112761	July 1, 1990
Mercury and mercury compounds	developmental		July 1, 1990
Merphalan	cancer	531760	April 1, 1988
Mestranol	cancer	72333	April 1, 1988
Methacycline hydrochloride	developmental	3963959	January 1, 1991
Metham sodium	cancer	137428	November 6, 1998
	developmental	137428	May 15, 1998
Methazole	developmental	20354261	December 1, 1999
Methimazole	developmental	60560	July 1, 1990
Methotrexate	developmental	59052	January 1, 1989
Methotrexate sodium	developmental	15475566	April 1, 1990
5-Methoxypsoralen with ultraviolet A	cancer	484208	October 1, 1988
therapy			,
8-Methoxypsoralen with ultraviolet A	cancer	298817	February 27, 1987
therapy			
2-Methylaziridine (Propyleneimine)	cancer	75558	January 1, 1988
Methylazoxymethanol	cancer	590965	April 1, 1988
Methylazoxymethanol acetate	cancer	592621	April 1, 1988
Methyl bromide, as a structural fumigant	developmental	74839	January 1, 1993
Methyl carbamate	cancer	598550	May 15, 1998

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Methyl chloride	developmental	74873	March 10, 2000
3-Methylcholanthrene	cancer	56495	January 1, 1990
5-Methylchrysene	cancer	3697243	April 1, 1988
4,4'-Methylene bis(2-chloroaniline)	cancer	101144	July 1, 1987
4,4'-Methylene bis(N,N-dimethyl)	cancer	101611	October 1, 1989
benzenamine			
4,4'-Methylene bis(2-methylaniline)	cancer	838880	April 1, 1988
4,4'-Methylenedianiline	cancer	101779	January 1, 1988
4,4'-Methylenedianiline dihydrochloride	cancer	13552448	January 1, 1988
Methyleugenol	cancer	93152	November 16, 2001
Methylhydrazine and its salts	cancer		July 1, 1992
Methyl iodide	cancer	74884	April 1, 1988
Methyl mercury	developmental		July 1, 1987
Methylmercury compounds	cancer		May 1, 1996
Methyl methanesulfonate	cancer	66273	April 1, 1988
2-Methyl-1-nitroanthraquinone (of	cancer	129157	April 1, 1988
uncertain purity)	Cancer	129137	April 1, 1900
	200200	70257	A mail 1 1000
N-Methyl-N'-nitro-N-nitroso-guanidine	cancer	70257	April 1, 1988
N-Methylolacrylamide	cancer	924425	July 1, 1990
N-Methylpyrrolidone	developmental	872504	June 15, 2001
Methyltestosterone	developmental	58184	April 1, 1990
Methylthiouracil	cancer	56042	October 1, 1989
Metiram	cancer	9006422	January 1, 1990
	developmental	9006422	March 30, 1999
Metronidazole	cancer	443481	January 1, 1988
Michler's ketone	cancer	90948	January 1, 1988
Midazolam hydrochloride	developmental	59467968	July 1, 1990
Minocycline hydrochloride (internal use)	developmental	13614987	January 1, 1992
Mirex	cancer	2385855	January 1, 1988
Misoprostol	developmental	59122462	April 1, 1990
Mitomycin C	cancer	50077	April 1, 1988
Mitoxantrone hydrochloride	developmental	70476823	July 1, 1990
Monocrotaline	cancer	315220	April 1, 1988
5-(Morpholinomethyl)-3-[(5-nitro-	cancer	139913	April 1, 1988
furfurylidene)-amino]-2-oxazolidinone	curren	13//13	11pm 1, 1900
Mustard Gas	cancer	505602	February 27, 1987
MX (3-chloro-4-dichloromethyl-5-hydroxy-		77439760	December 22, 2000
	cancer	11439100	December 22, 2000
2(5H)-furanone) Myclobutanil	developmental male	99671900	A:1 16 1000
WryClobutaini	developmental, male	88671890	April 16, 1999
Nabam	developmental	142596	March 30, 1999
		86220420	
Nafarelin acetate	developmental		April 1, 1990
Nafenopin	cancer	3771195	April 1, 1988
Nalidixic acid	cancer	389082	May 15, 1998
1-Naphthylamine	cancer	134327	October 1, 1989
2-Naphthylamine	cancer	91598	February 27, 1987
Neomycin sulfate (internal use)	developmental	1405103	October 1, 1992
Netilmicin sulfate	developmental	56391572	July 1, 1990
Nickel and certain nickel compounds	cancer		October 1, 1989
Nickel carbonyl	cancer	13463393	October 1, 1987
	developmental		September 1, 1996
Nickel refinery dust from the	cancer		October 1, 1987
pyrometallurgical process			

NY 1 1 1 1011		10005500	0 1 1 1007
Nickel subsulfide	cancer	12035722	October 1, 1987
Nicotine	developmental	54115	April 1, 1990
Nifedipine	developmental, female, male	21829254	January 29, 1999
Nimodipine	developmental	66085594	April 24, 2001
Niridazole	cancer	61574	April 1, 1988
Nitrapyrin	developmental	1929824	March 30, 1999
Nitrilotriacetic acid	cancer	139139	January 1, 1988
Nitrilotriacetic acid, trisodium salt	cancer	18662538	April 1, 1989
	Cancer	10002330	April 1, 1969
monohydrate		<b>600070</b>	A '1.1 1000
5-Nitroacenaphthene	cancer	602879	April 1, 1988
5-Nitro- <i>o</i> -anisidine	cancer	99592	October 1, 1989
o-Nitroanisole	cancer	91236	October 1, 1992
Nitrobenzene	cancer	98953	August 26, 1997
4-Nitrobiphenyl	cancer	92933	April 1, 1988
6-Nitrochrysene	cancer	7496028	October 1, 1990
Nitrofen (technical grade)	cancer	1836755	January 1, 1988
2-Nitrofluorene	cancer	607578	October 1, 1990
Nitrofurantoin	male	67209	April 1, 1991
Nitrofurazone	cancer	59870	January 1, 1990
1-[(5-Nitrofurfurylidene)-amino]-2-		555840	April 1, 1988
= :	cancer	333640	April 1, 1900
imidazolidinone		521020	A '1.1 1000
N-[4-(5-Nitro-2-furyl)-2-thiazolyl]	cancer	531828	April 1, 1988
acetamide			
Nitrogen mustard (Mechlorethamine)	cancer	51752	January 1, 1988
	developmental	51752	January 1, 1989
Nitrogen mustard hydrochloride	cancer	55867	April 1, 1988
(Mechlorethamine hydrochloride)			
	developmental	55867	July 1, 1990
Nitrogen mustard N-oxide	cancer	126852	April 1, 1988
Nitrogen mustard N-oxide hydrochloride	cancer	302705	April 1, 1988
Nitromethane	cancer	75525	May 1, 1997
2-Nitropropane	cancer	79469	January 1, 1988
1-Nitropyrene	cancer	5522430	October 1, 1990
4-Nitropyrene		57835924	October 1, 1990
	cancer		
N-Nitrosodi- <i>n</i> -butylamine	cancer	924163	October 1, 1987
N-Nitrosodiethanolamine	cancer	1116547	January 1, 1988
N-Nitrosodiethylamine	cancer	55185	October 1, 1987
N-Nitrosodimethylamine	cancer	62759	October 1, 1987
<i>p</i> -Nitrosodiphenylamine	cancer	156105	January 1, 1988
N-Nitrosodiphenylamine	cancer	86306	April 1, 1988
N-Nitrosodi- <i>n</i> -propylamine	cancer	621647	January 1, 1988
N-Nitroso-N-ethylurea	cancer	759739	October 1, 1987
3-(N-Nitrosomethylamino)propionitrile	cancer	60153493	April 1, 1990
4-(N-Nitrosomethylamino)-1-(3-pyridyl)1-	cancer	64091914	April 1, 1990
butanone		0.00101.	11,1770
N-Nitrosomethylethylamine	cancer	10595956	October 1, 1989
N-Nitroso-N-methylurea		684935	October 1, 1987
	cancer	615532	
N-Nitroso-N-methylurethane	cancer		April 1, 1988
N-Nitrosomethylvinylamine	cancer	4549400	January 1, 1988
N-Nitrosomorpholine	cancer	59892	January 1, 1988
N-Nitrosonornicotine	cancer	16543558	January 1, 1988
N-Nitrosopiperidine	cancer	100754	January 1, 1988
N-Nitrosopyrrolidine	cancer	930552	October 1, 1987
N-Nitrososarcosine	cancer	13256229	January 1, 1988

<i>o</i> -Nitrotoluene Norethisterone (Norethindrone)	cancer	88722 68224	May 15, 1998 October 1, 1989
	developmental	68224	April 1, 1990
Norethisterone acetate (Norethindrone	developmental	51989	October 1, 1991
acetate)			
Norethisterone (Norethindrone) /Ethinyl	developmental	68224/57636	April 1, 1990
estradiol		6000 A /F0000	1 11 1000
Norethisterone (Norethindrone) / Mestranol	developmental	68224/72333	April 1, 1990
Norethynodrel	cancer	68235 6533002	February 27, 2001
Norgestrel	developmental	0333002	April 1, 1990
		202450	
Ochratoxin A	cancer	303479	July 1, 1990
Oil Orange SS	cancer	2646175	April 1, 1988
Oral contraceptives, combined	cancer		October 1, 1989
Oral contraceptives, sequential	cancer	10666200	October 1, 1989
Oxadiazon	cancer	19666309 19666309	July 1, 1991
Overanom	developmental	604751	May 15, 1998 October 1, 1994
Oxazepam	cancer developmental	604751	October 1, 1994 October 1, 1992
Oxydemeton methyl	female, male	301122	November 6, 1998
Oxymetholone	cancer	434071	January 1, 1988
Oxymetholone	developmental	434071	May 1, 1997
Oxytetracycline (internal use)	developmental	79572	January 1, 1991
Oxytetracycline hydrochloride (internal use)	developmental	2058460	October 1, 1991
Oxythioquinox	cancer	2439012	August 20, 1999
ON MINORALINON	cancer	2137012	11agust 20, 1999
Paclitaxel	developmental, female, male	33069624	August 26, 1997
Paclitaxel Palygorskite fibers (> 5µm in length)	developmental, female, male cancer	33069624 12174117	August 26, 1997 December 28, 1999
Palygorskite fibers (> 5µm in length)	cancer	12174117	December 28, 1999
	cancer cancer	12174117 794934	December 28, 1999 January 1, 1988
Palygorskite fibers (> 5µm in length) Panfuran S Paramethadione	cancer cancer developmental	12174117 794934 115673	December 28, 1999 January 1, 1988 July 1, 1990
Palygorskite fibers (> 5µm in length) Panfuran S Paramethadione Penicillamine	cancer cancer	12174117 794934 115673 52675	December 28, 1999 January 1, 1988 July 1, 1990 January 1, 1991
Palygorskite fibers (> 5µm in length) Panfuran S Paramethadione	cancer cancer developmental developmental	12174117 794934 115673	December 28, 1999 January 1, 1988 July 1, 1990 January 1, 1991 January 1, 1990
Palygorskite fibers (> 5µm in length) Panfuran S Paramethadione Penicillamine Pentachlorophenol	cancer cancer developmental developmental cancer	12174117 794934 115673 52675 87865	December 28, 1999 January 1, 1988 July 1, 1990 January 1, 1991
Palygorskite fibers (> 5µm in length) Panfuran S Paramethadione Penicillamine Pentachlorophenol Pentobarbital sodium	cancer cancer developmental developmental cancer developmental	12174117 794934 115673 52675 87865 57330	December 28, 1999 January 1, 1988 July 1, 1990 January 1, 1991 January 1, 1990 July 1, 1990
Palygorskite fibers (> 5µm in length) Panfuran S Paramethadione Penicillamine Pentachlorophenol Pentobarbital sodium Pentostatin	cancer cancer developmental developmental cancer developmental developmental	12174117 794934 115673 52675 87865 57330 53910251	December 28, 1999 January 1, 1988 July 1, 1990 January 1, 1991 January 1, 1990 July 1, 1990 September 1, 1996
Palygorskite fibers (> 5µm in length) Panfuran S Paramethadione Penicillamine Pentachlorophenol Pentobarbital sodium Pentostatin Phenacemide	cancer cancer developmental developmental cancer developmental developmental developmental	12174117 794934 115673 52675 87865 57330 53910251 63989	December 28, 1999 January 1, 1988 July 1, 1990 January 1, 1991 January 1, 1990 July 1, 1990 September 1, 1996 July 1, 1990
Palygorskite fibers (> 5µm in length) Panfuran S Paramethadione Penicillamine Pentachlorophenol Pentobarbital sodium Pentostatin Phenacemide Phenacetin	cancer cancer developmental developmental cancer developmental developmental developmental cancer	12174117 794934 115673 52675 87865 57330 53910251 63989 62442	December 28, 1999 January 1, 1988 July 1, 1990 January 1, 1991 January 1, 1990 July 1, 1990 September 1, 1996 July 1, 1990 October 1, 1989
Palygorskite fibers (> 5µm in length) Panfuran S Paramethadione Penicillamine Pentachlorophenol Pentobarbital sodium Pentostatin Phenacemide Phenacetin Phenazopyridine Phenazopyridine hydrochloride Phenesterin	cancer cancer developmental developmental cancer developmental developmental developmental cancer cancer	12174117 794934 115673 52675 87865 57330 53910251 63989 62442 94780 136403 3546109	December 28, 1999 January 1, 1988 July 1, 1990 January 1, 1991 January 1, 1990 July 1, 1990 September 1, 1996 July 1, 1990 October 1, 1989 January 1, 1988
Palygorskite fibers (> 5µm in length) Panfuran S Paramethadione Penicillamine Pentachlorophenol Pentobarbital sodium Pentostatin Phenacemide Phenacetin Phenazopyridine Phenazopyridine Phenesterin Phenobarbital	cancer cancer developmental developmental cancer developmental developmental developmental cancer cancer cancer	12174117 794934 115673 52675 87865 57330 53910251 63989 62442 94780 136403 3546109 50066	December 28, 1999 January 1, 1988 July 1, 1990 January 1, 1991 January 1, 1990 July 1, 1990 September 1, 1996 July 1, 1990 October 1, 1989 January 1, 1988 July 1, 1989 January 1, 1989 January 1, 1989 January 1, 1990
Palygorskite fibers (> 5µm in length) Panfuran S Paramethadione Penicillamine Pentachlorophenol Pentobarbital sodium Pentostatin Phenacemide Phenacetin Phenazopyridine Phenazopyridine Phenesterin Phenobarbital Phenolphthalein	cancer cancer developmental developmental cancer developmental developmental developmental cancer cancer cancer cancer	12174117 794934 115673 52675 87865 57330 53910251 63989 62442 94780 136403 3546109 50066 77098	December 28, 1999 January 1, 1988 July 1, 1990 January 1, 1991 January 1, 1990 July 1, 1990 September 1, 1996 July 1, 1990 October 1, 1989 January 1, 1988 January 1, 1988 July 1, 1989 January 1, 1990 May 15, 1998
Palygorskite fibers (> 5µm in length) Panfuran S Paramethadione Penicillamine Pentachlorophenol Pentobarbital sodium Pentostatin Phenacemide Phenacetin Phenazopyridine Phenazopyridine hydrochloride Phenesterin Phenobarbital Phenolphthalein Phenoxybenzamine	cancer cancer developmental developmental cancer developmental developmental developmental cancer cancer cancer cancer cancer	12174117 794934 115673 52675 87865 57330 53910251 63989 62442 94780 136403 3546109 50066 77098 59961	December 28, 1999 January 1, 1988 July 1, 1990 January 1, 1991 January 1, 1990 July 1, 1990 September 1, 1996 July 1, 1990 October 1, 1989 January 1, 1988 January 1, 1988 July 1, 1989 January 1, 1990 May 15, 1998 April 1, 1988
Palygorskite fibers (> 5µm in length) Panfuran S Paramethadione Penicillamine Pentachlorophenol Pentobarbital sodium Pentostatin Phenacemide Phenacetin Phenazopyridine Phenazopyridine Phenazopyridine hydrochloride Phenobarbital Phenolphthalein Phenoxybenzamine Phenoxybenzamine hydrochloride	cancer cancer developmental developmental cancer developmental developmental developmental cancer	12174117 794934 115673 52675 87865 57330 53910251 63989 62442 94780 136403 3546109 50066 77098 59961 63923	December 28, 1999 January 1, 1988 July 1, 1990 January 1, 1991 January 1, 1990 July 1, 1990 September 1, 1996 July 1, 1990 October 1, 1989 January 1, 1988 July 1, 1989 January 1, 1988 July 1, 1989 January 1, 1990 May 15, 1998 April 1, 1988 April 1, 1988
Palygorskite fibers (> 5µm in length) Panfuran S Paramethadione Penicillamine Pentachlorophenol Pentobarbital sodium Pentostatin Phenacemide Phenacetin Phenazopyridine Phenazopyridine Phenazopyridine hydrochloride Phenesterin Phenobarbital Phenolphthalein Phenoxybenzamine Phenoxybenzamine hydrochloride Phenprocoumon	cancer cancer developmental developmental cancer developmental developmental developmental cancer	12174117 794934 115673 52675 87865 57330 53910251 63989 62442 94780 136403 3546109 50066 77098 59961 63923 435972	December 28, 1999 January 1, 1988 July 1, 1990 January 1, 1991 January 1, 1990 July 1, 1990 September 1, 1996 July 1, 1990 October 1, 1989 January 1, 1988 January 1, 1988 July 1, 1989 January 1, 1990 May 15, 1998 April 1, 1988 April 1, 1988 October 1, 1992
Palygorskite fibers (> 5µm in length) Panfuran S Paramethadione Penicillamine Pentachlorophenol Pentobarbital sodium Pentostatin Phenacemide Phenacetin Phenazopyridine Phenazopyridine Phenazopyridine hydrochloride Phenesterin Phenobarbital Phenolphthalein Phenoxybenzamine Phenoxybenzamine hydrochloride Phenprocoumon o-Phenylenediamine and its salts	cancer cancer developmental developmental cancer developmental developmental developmental cancer	12174117 794934 115673 52675 87865 57330 53910251 63989 62442 94780 136403 3546109 50066 77098 59961 63923 435972 95545	December 28, 1999 January 1, 1988 July 1, 1990 January 1, 1991 January 1, 1990 July 1, 1990 September 1, 1996 July 1, 1990 October 1, 1989 January 1, 1988 January 1, 1988 July 1, 1989 January 1, 1990 May 15, 1998 April 1, 1988 April 1, 1988 October 1, 1992 May 15, 1998
Palygorskite fibers (> 5µm in length) Panfuran S Paramethadione Penicillamine Pentachlorophenol Pentobarbital sodium Pentostatin Phenacemide Phenacetin Phenazopyridine Phenazopyridine hydrochloride Phenesterin Phenobarbital Phenolphthalein Phenoxybenzamine Phenoxybenzamine hydrochloride Phenprocoumon o-Phenylenediamine and its salts Phenyl glycidyl ether	cancer cancer developmental developmental cancer developmental developmental developmental cancer	12174117 794934 115673 52675 87865 57330 53910251 63989 62442 94780 136403 3546109 50066 77098 59961 63923 435972 95545 122601	December 28, 1999 January 1, 1988 July 1, 1990 January 1, 1991 January 1, 1990 July 1, 1990 September 1, 1996 July 1, 1990 October 1, 1989 January 1, 1988 January 1, 1988 July 1, 1989 January 1, 1990 May 15, 1998 April 1, 1988 April 1, 1988 October 1, 1992 May 15, 1998 October 1, 1990
Palygorskite fibers (> 5µm in length) Panfuran S Paramethadione Penicillamine Pentachlorophenol Pentobarbital sodium Pentostatin Phenacemide Phenacetin Phenazopyridine Phenazopyridine Phenazopyridine hydrochloride Phenesterin Phenobarbital Phenolphthalein Phenoxybenzamine Phenoxybenzamine hydrochloride Phenprocoumon o-Phenylenediamine and its salts Phenyl glycidyl ether Phenylhydrazine and its salts	cancer cancer developmental developmental cancer developmental developmental developmental cancer	12174117 794934 115673 52675 87865 57330 53910251 63989 62442 94780 136403 3546109 50066 77098 59961 63923 435972 95545 122601	December 28, 1999 January 1, 1988 July 1, 1990 January 1, 1991 January 1, 1990 July 1, 1990 September 1, 1996 July 1, 1990 October 1, 1989 January 1, 1988 January 1, 1988 July 1, 1989 January 1, 1990 May 15, 1998 April 1, 1988 April 1, 1988 October 1, 1992 May 15, 1998 October 1, 1990 July 1, 1992
Palygorskite fibers (> 5µm in length) Panfuran S Paramethadione Penicillamine Pentachlorophenol Pentobarbital sodium Pentostatin Phenacemide Phenacetin Phenazopyridine Phenazopyridine hydrochloride Phenesterin Phenobarbital Phenolphthalein Phenoxybenzamine Phenoxybenzamine hydrochloride Phenprocoumon o-Phenylenediamine and its salts Phenyl glycidyl ether Phenylhydrazine and its salts o-Phenylphenate, sodium	cancer cancer developmental developmental cancer developmental developmental developmental cancer	12174117 794934 115673 52675 87865 57330 53910251 63989 62442 94780 136403 3546109 50066 77098 59961 63923 435972 95545 122601 132274	December 28, 1999 January 1, 1988 July 1, 1990 January 1, 1991 January 1, 1990 July 1, 1990 September 1, 1996 July 1, 1990 October 1, 1989 January 1, 1988 January 1, 1988 July 1, 1989 January 1, 1990 May 15, 1998 April 1, 1988 April 1, 1988 October 1, 1992 May 15, 1998 October 1, 1990 July 1, 1992 January 1, 1990
Palygorskite fibers (> 5µm in length) Panfuran S Paramethadione Penicillamine Pentachlorophenol Pentobarbital sodium Pentostatin Phenacemide Phenacetin Phenazopyridine Phenazopyridine hydrochloride Phenesterin Phenobarbital Phenolphthalein Phenoxybenzamine Phenoxybenzamine hydrochloride Phenprocoumon o-Phenylenediamine and its salts Phenyl glycidyl ether Phenylhydrazine and its salts o-Phenylphenol	cancer cancer developmental developmental cancer developmental developmental developmental cancer	12174117 794934 115673 52675 87865 57330 53910251 63989 62442 94780 136403 3546109 50066 77098 59961 63923 435972 95545 122601 132274 90437	December 28, 1999 January 1, 1988 July 1, 1990 January 1, 1991 January 1, 1990 July 1, 1990 September 1, 1996 July 1, 1990 October 1, 1989 January 1, 1988 January 1, 1988 July 1, 1989 January 1, 1990 May 15, 1998 April 1, 1988 April 1, 1988 October 1, 1992 May 15, 1998 October 1, 1990 July 1, 1992 January 1, 1990 August 4, 2000
Palygorskite fibers (> 5µm in length) Panfuran S Paramethadione Penicillamine Pentachlorophenol Pentobarbital sodium Pentostatin Phenacemide Phenacetin Phenazopyridine Phenazopyridine hydrochloride Phenesterin Phenobarbital Phenolphthalein Phenoxybenzamine Phenoxybenzamine hydrochloride Phenprocoumon o-Phenylenediamine and its salts Phenyl glycidyl ether Phenylhydrazine and its salts o-Phenylphenate, sodium	cancer cancer developmental developmental cancer developmental developmental developmental cancer	12174117 794934 115673 52675 87865 57330 53910251 63989 62442 94780 136403 3546109 50066 77098 59961 63923 435972 95545 122601 132274	December 28, 1999 January 1, 1988 July 1, 1990 January 1, 1991 January 1, 1990 July 1, 1990 September 1, 1996 July 1, 1990 October 1, 1989 January 1, 1988 January 1, 1988 July 1, 1989 January 1, 1990 May 15, 1998 April 1, 1988 April 1, 1988 October 1, 1992 May 15, 1998 October 1, 1990 July 1, 1992 January 1, 1990

Pimozide	developmental, female	2062784	August 20, 1999
Pipobroman	developmental	54911	July 1, 1990
Plicamycin	developmental	18378897	April 1, 1990
Polybrominated biphenyls	cancer		January 1, 1988
Polybrominated biphenyls	developmental		October 1, 1994
Polychlorinated biphenyls	cancer		October 1, 1989
Polychlorinated biphenyls	developmental		January 1, 1991
Polychlorinated biphenyls (containing 60 or	cancer		January 1, 1988
more percent chlorine by molecular weight)	curreer		Junuary 1, 1700
Polychlorinated dibenzo- <i>p</i> -dioxins	cancer		October 1, 1992
Polychlorinated dibenzofurans	cancer		October 1, 1992
		53973981	January 1, 1988
Polygeenan Ponceau MX	cancer	3761533	
	cancer		April 1, 1988
Ponceau 3R	cancer	3564098	April 1, 1988
Potassium bromate	cancer	7758012	January 1, 1990
Potassium dimethyldithiocarbamate	developmental	128030	March 30 1999
Pravastatin sodium	developmental	81131706	March 3, 2000
Prednisolone sodium phosphate	developmental	125020	August 20, 1999
Primidone	cancer	125337	August 20, 1999
Procarbazine	cancer	671169	January 1, 1988
Procarbazine hydrochloride	cancer	366701	January 1, 1988
	developmental	366701	July 1, 1990
Procymidone	cancer	32809168	October 1, 1994
Progesterone	cancer	57830	January 1, 1988
Pronamide	cancer	23950585	May 1, 1996
Propachlor	cancer	1918167	February 27, 2001
1,3-Propane sultone	cancer	1120714	January 1, 1988
Propargite	cancer	2312358	October 1, 1994
1 0	developmental	2312358	June 15, 1999
beta-Propiolactone	cancer	57578	January 1, 1988
Propylene oxide	cancer	75569	October 1, 1988
Propylthiouracil	cancer	51525	January 1, 1988
110011111111111111111111111111111111111	developmental	51525	July 1, 1990
Pyrimethamine	developmental	58140	January 29, 1999
Tyrimetitainine	developmentar	30140	Junuary 25, 1575
Quazanam	davalanmental	36735225	August 26, 1007
Quazepam  Ovingling and its strong acid solts	developmental		August 26, 1997
Quinoline and its strong acid salts	cancer	 76570140	October 24, 1997
Quizalofop-ethyl	male	76578148	December 24, 1999
Dedianualidas	207227		July 1 1000
Radionuclides	cancer		July 1, 1989
Reserpine	cancer	50555	October 1, 1989
Residual (heavy) fuel oils	cancer	10450060	October 1, 1990
Resmethrin	developmental	10453868	November 6, 1998
Retinol/retinyl esters, when in daily dosages	developmental		July 1, 1989
in excess of 10,000 IU, or 3,000 retinol			
equivalents. (NOTE: Retinol/retinyl esters			
are required and essential for maintenance			
of normal reproductive function. The			
recommended daily level during pregnancy			
is 8,000 IU.)			
Ribavirin	developmental	36791045	April 1, 1990

Rifampin	male developmental, female	36791045 13292461	February 27, 2001 February 27, 2001
Saccharin Delisted April 6, 2001 Saccharin, sodium Safrole Salicylazosulfapyridine Secobarbital sodium Selenium sulfide Sermorelin acetate Shale-oils Silica, crystalline (airborne particles of	cancer cancer cancer cancer developmental cancer developmental cancer cancer	81072 128449 94597 599791 309433 7446346  68308349	October 1, 1989 January 1, 1988 January 1, 1988 May 15, 1998 October 1, 1992 October 1, 1989 August 20, 1999 April 1, 1990 October 1, 1988
respirable size) Sodium dimethyldithiocarbamate Sodium fluoroacetate Soots, tars, and mineral oils (untreated and mildly treated oils and used engine oils)	developmental male cancer	128041 62748 	March 30 1999 November 6, 1998 February 27, 1987
Spironolactone Stanozolol Sterigmatocystin Streptomycin sulfate Streptozocin (streptozotocin) Streptozotocin (streptozocin) Styrene oxide Sulfallate Sulfasalazine Sulindac	cancer cancer cancer developmental developmental, female, male cancer cancer cancer male developmental, female	52017 10418038 10048132 3810740 18883664 18883664 96093 95067 599791 38194502	May 1, 1997 May 1, 1997 April 1, 1988 January 1, 1991 August 20, 1999 January 1, 1988 October 1, 1988 January 1, 1988 January 29, 1999 January 29, 1999
Talc containing asbestiform fibers Tamoxifen and its salts Tamoxifen citrate Temazepam Teniposide Terbacil Terrazole Testosterone and its esters Testosterone cypionate Testosterone enanthate 2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	cancer cancer developmental developmental developmental developmental cancer cancer developmental developmental developmental	10540291 54965241 846504 29767202 5902512 2593159 58220 58208 315377 1746016	April 1, 1990 September 1, 1996 July 1, 1990 April 1, 1990 September 1, 1996 May 18, 1999 October 1, 1994 April 1, 1988 October 1, 1991 April 1, 1990 January 1, 1988
1,1,2,2-Tetrachloroethane Tetrachloroethylene (Perchloroethylene) p-a,a,a-Tetrachlorotoluene Tetracycline (internal use) Tetracyclines (internal use) Tetracycline hydrochloride (internal use) Tetrafluoroethylene Tetranitromethane Thalidomide Thioacetamide 4,4'-Thiodianiline	developmental cancer cancer cancer developmental developmental developmental cancer cancer developmental cancer cancer	1746016 79345 127184 5216251 60548  64755 116143 509148 50351 62555 139651	April 1, 1991 July 1, 1990 April 1, 1988 January 1, 1990 October 1, 1991 October 1, 1992 January 1, 1991 May 1, 1997 July 1, 1990 July 1, 1987 January 1, 1988 April 1, 1988

Thiodicarb Thioguanine Thiophanate methyl Thiourea Thorium dioxide Tobacco, oral use of smokeless products Tobacco smoke Tobacco smoke (primary) Tobramycin sulfate Toluene Toluene diisocyanate o-Toluidine o-Toluidine hydrochloride para Toluidine	cancer developmental female, male cancer cancer cancer cancer developmental, female, male developmental developmental cancer cancer cancer cancer cancer	59669260 154427 23564058 62566 1314201  49842071 108883 26471625 95534 636215 106490	August 20, 1999 July 1, 1990 May 18, 1999 January 1, 1988 February 27, 1987 April 1, 1988 April 1, 1988 April 1, 1988 July 1, 1990 January 1, 1991 October 1, 1989 January 1, 1988 January 1, 1988 January 1, 1988 January 1, 1988 January 1, 1990 Delisted October 29, 1999
Toxaphene (Polychlorinated camphenes)	cancer	8001352	January 1, 1988
Treosulfan	cancer	299752	February 27, 1987
Triadimefon	developmental, female, male	43121433	March 30, 1999
Triazolam	developmental	28911015	April 1, 1990
Tributyltin methacrylate	developmental	2155706	December 1, 1999
Trichlormethine (Trimustine hydrochloride)	cancer	817094	January 1, 1992
Trichloroethylene	cancer	79016	April 1, 1988
2,4,6-Trichlorophenol	cancer	88062	January 1, 1988
1,2,3-Trichloropropane	cancer	96184	October 1,1992
Trientine hydrochloride	developmental	38260014	February 27, 2001
Triforine	developmental	26644462	June 18, 1999
Trilostane	developmental	13647353	April 1, 1990
Trimethadione	developmental	127480	January 1, 1991
2,4,5-Trimethylaniline and its strong acid	cancer		October 24, 1997
salts	200200	510561	May 1 1006
Trimethyl phosphate Trimetrexate glucuronate	cancer	512561 82952645	May 1, 1996 August 26, 1997
Triphenyltin hydroxide	developmental cancer	76879	July 1, 1992
Tris(aziridinyl)-p-benzoquinone	cancer	68768	October 1, 1989
(Triaziquone)	Cancer	00700	October 1, 1707
Tris(1-aziridinyl)phosphine sulfide	cancer	52244	January 1, 1988
(Thiotepa)		· · ·	1, 1, 200
Tris(2-chloroethyl) phosphate	cancer	115968	April 1, 1992
Tris(2,3-dibromopropyl)phosphate	cancer	126727	January 1, 1988
Trp-P-1 (Tryptophan-P-1)	cancer	62450060	April 1, 1988
Trp-P-2 (Tryptophan-P-2)	cancer	62450071	April 1, 1988
Trypan blue (commercial grade)	cancer	72571	October 1, 1989
Unleaded gasoline (wholly vaporized)	cancer		April 1, 1988
Uracil mustard	cancer	66751	April 1, 1988
II d. (Ed.1. 1)	developmental, female, male	66751	January 1, 1992
Urethane (Ethyl carbamate)	cancer	51796	January 1, 1988
TT C-1114 1	developmental	51796	October 1, 1994
Urofollitropin	developmental	26995915	April 1, 1990
Valproate (Valproic acid)	developmental	99661	July 1, 1987
varproate (varprote actu)	de veropinentai	//UU1	July 1, 170/

Vinblastine sulfate Vinclozolin	developmental cancer developmental	143679 50471448 50471448	July 1, 1990 August 20, 1999 May 15, 1998
Vincristine sulfate	developmental	2068782	July 1, 1990
Vinyl bromide	cancer	593602	October 1, 1988
Vinyl chloride	cancer	75014	February 27, 1987
4-Vinylcyclohexene	cancer	100403	May 1, 1996
4-Vinyl-1-cyclohexene diepoxide (Vinyl cyclohexenedioxide)	cancer	106876	July 1, 1990
Vinyl fluoride	cancer	75025	May 1, 1997
Vinyl trichloride (1,1,2-Trichloroethane)	cancer	79005	October 1, 1990
Warfarin	developmental	81812	July 1, 1987
2,6-Xylidine (2,6-Dimethylaniline)	cancer	87627	January 1, 1991
Zileuton	cancer, developmental, female	111406872	December 22, 2000
Zineb	cancer	12122677	January 1, 1990 Delisted October 29, 1999

Date: December 21, 2001